

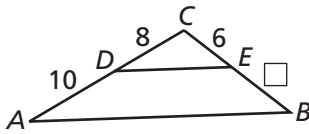
Additional Practice

Lessons 4.11 and 4.12

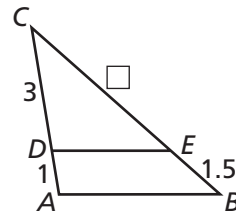
In Exercises 1–9, $\overline{AB} \parallel \overline{DE}$.

Find the indicated length.

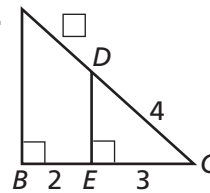
1.



2.

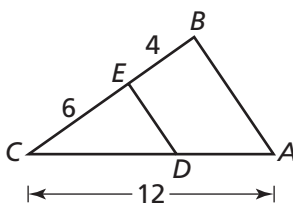


3.

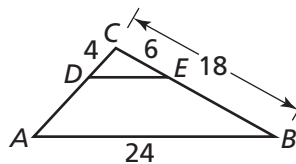


Find as many lengths as you can.

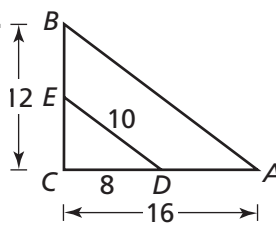
4.



5.

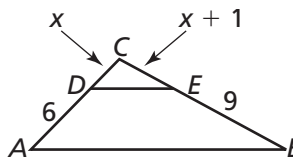


6.

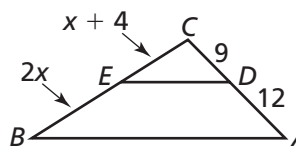


Find BC .

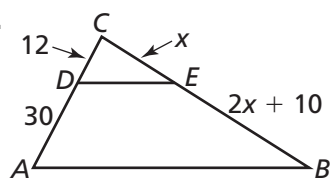
7.



8.

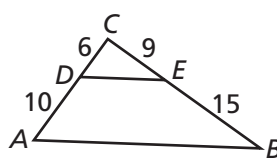


9.

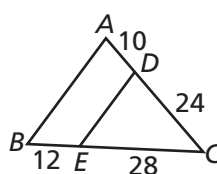


For Exercises 10–12, use the given lengths to decide whether $\overline{AB} \parallel \overline{DE}$. Explain. (The figures are not necessarily drawn to scale.)

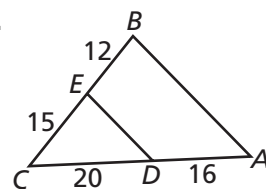
10.



11.



12.



13. In $\triangle ABC$, $AB = 6$, $BC = 8$, and $AC = 9$. Point X lies on \overline{BC} so that $BX = 2$. Point Y lies on \overline{BA} so that $\overline{XY} \parallel \overline{CA}$. Find BY .